

INTERNATIONAL SEARCH REPORT

PCT/GB 03/05293

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04B1/40		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04B		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 34625 A (ERICSSON TELEFON AB L M) 8 July 1999 (1999-07-08) page 1, line 4 - line 19 page 5, line 24 - line 27 page 6, line 19 -page 7, line 7 page 9, line 3 - line 11 page 13, line 21 - line 23 page 13, line 29 -page 14, line 5 page 21, line 1 - line 7 figure 1 figure 3B figure 4	1,2,7,8
X	WO 98 17012 A (ERICSSON GE MOBILE INC) 23 April 1998 (1998-04-23) page 3, line 24 -page 4, line 4 page 19, line 18 - line 30 figure 1	1,7
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "G" document member of the same patent family		
Date of the actual completion of the international search 10 March 2004		Date of mailing of the international search report 30/03/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Avilés Martínez, L

INTERNATIONAL SEARCH REPORT

PCT/GB 03/05293

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 5 870 402 A (KELLEY EDWIN A) 9 February 1999 (1999-02-09) column 2, line 46 - line 64 figures 2A,2B ---	1-11
A	US 6 256 358 B1 (DIFIORE NICHOLAS LAWRENCE ET AL) 3 July 2001 (2001-07-03) column 1, line 39 - line 46 column 1, line 58 -column 2, line 2 ---	1-11
A	WO 99 09721 A (MOTOROLA INC) 25 February 1999 (1999-02-25) page 5, line 21 - line 24 page 6, line 25 - line 30 figure 1 ---	1-11
A	WO 98 57467 A (ERICSSON GE MOBILE INC) 17 December 1998 (1998-12-17) page 6, line 8 - line 18 page 12, line 19 - line 25 -----	4,9

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